

19971224.ba v01\_n848.bam.971224

>From ???@??? Thu Dec 25 04:30:52 1997  
Message-Id: <199712250209.UAA08173@sco.theporch.com>  
Date: Wed, 24 Dec 1997 20:09:28 CST  
Subject: BOATANCHORS digest 1848

BOATANCHORS Digest 1848

Topics covered in this issue include:

- 1) RE: 811, 812...?  
by Ed Sieb <esieb@gmsiworld.com>
- 2) J-38 keys  
by Randy Zelick <h2rz@odin.cc.pdx.edu>
- 3) Wanted: Tuning Slugs ( .25 inch dia )  
by w8xq@juno.com (JEFF D WILDER)
- 4) Re: Who had RCA HB-3 tube manuals?  
by Charles Ring <charlesr@infonline.net>
- 5) Last word on WD-40  
by Morris Odell <morriso@vifp.monash.edu.au>
- 6) R1004 Receiver  
by w3ych@juno.com (Don Flenner)
- 7) Visit to Ray Mote's Home  
by Paul Bernhardt <bern@ppdu.nrl.navy.mil>
- 8) RCA HB-3 Handbooks  
by Scott Robinson <spr@earthlink.net>
- 9) Free stuff is gone  
by Doug Hall <dhall@jps.com>
- 10) Re: 811, 812...?  
by Ken Gordon <keng@uidaho.edu>
- 11) Where? Tube Museum near Eureka  
by Eugene Rippen <soundval@foothill.net>
- 12) Visit to new Atlanta Tech America  
by "David L. Thompson" <thompson@mindspring.com>
- 13) AM with the Collins S-Line/KWM-2  
by "David L. Thompson" <thompson@mindspring.com>
- 14) Re: Eimac Amateur Service Newsletters  
by Ron Hershey <rhershey@europa.com>
- 15) R390/R391 -- CR801  
by provero@connix.com
- 16) Old Magazines and Regen rcvrs  
by Ralph Parker <rparker@istar.ca>
- 17) Wanted Drake MN2000 basket case  
by n5dc@juno.com (Granville "Jim" B. Lane II)
- 18) Misc Odds Wanted  
by don merz <71333.144@compuserve.com>
- 19) HELP!: BA pickup in ENGLAND

- by "JOSE V. GAVILA (EB5AGV/EC5AAU)" <eb5agv@ctv.es>
- 20) Need mod xfmr info  
by Doug Hall <dhall@jps.com>
- 21) RCA HB-3 Manuals  
by "Don L. Davis" <dxguy@earthlink.net>
- 22) DX-100  
by "Wilkowski, Joseph" <Joseph\_Wilkowski@wb.xerox.com>
- 23) Re: RCA HB-3 Manuals  
by "Arden Allen" <aallen@sirius.com>
- 24) Re: Unusual tube using equipment  
by polepeeg@aa4rm.radio.org (BA x-actions hr)
- 25) FELIZ NAVIDAD  
by laffitte@prtc.net (laffitte)
- 26) Christmas Message  
by Sandra L Knepper <slkst29+@pitt.edu>
- 27) My House needs Pilings.  
by "Allan Fritsche" <fritsche@classic.msn.com>
- 28) Merry Christmas to list  
by Bill Wilson <billo@internettpport.net>
- 29) SX101 comes back to life (long)  
by "Parker, Al" <al\_parker@research.kaiseral.com>
- 30) Re: Need mod xfmr info  
by Al Klase <skywaves@bw.webex.net>
- 31) My Xmas present  
by "Arden Allen" <aallen@sirius.com>
- 32) Season's Greetings! (some BA content anent cool tubes)  
by "Roberta J. Barmore" <rbarmore@indy.net>

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Date: Tue, 23 Dec 1997 17:51:35 -0500  
From: Ed Sieb <esieb@gmsiworld.com>  
To: Old Tube Radios <boatanchors@theporch.com>,  
    "George C. Rybicki"  
Subject: RE: 811, 812...?  
Message-ID: <01BD0FCB.6A586E80@dstephen.gmsiworld.com>

Hi George,  
The 812's have slightly lower mu, (I think, or is it the other way =  
around :>) ) and were ideally designed for class-C use. A popular rig of =  
the '40's and early fifties used a pair of 811's modulating one or two =  
812's.

73, de Ed VA3ES

-----  
Date: Tue, 23 Dec 1997 15:05:49 -0800 (PST)  
From: Randy Zelick <h2rz@odin.cc.pdx.edu>  
To: Posting Boatanchors <boatanchors@theporch.com>  
Subject: J-38 keys  
Message-ID: <Pine.PTX.3.91.971223150212.12973C-100000@odin.cc.pdx.edu>

Hi folks,

I may be able to talk this fellow I know out of a pile of J-38 keys. These are mounted on black bakelite bases. I am not a telegraphy nut, so I don't know if there are lots of variants, but I can answer any questions which involve examination of the one typical specimen I came away with. All seem in good condition. Is there much interest and at what price??

Cheers,

=Randy=

R. Zelick  
Department of Organismal Biology  
Portland State University  
P.O. Box 751  
Portland, OR 97207  
503-725-3086 (voice), 503-725-3888 (fax)  
email: h2rz@odin.cc.pdx.edu  
web: <http://odin.cc.pdx.edu/~h2rz/>

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Date: Tue, 23 Dec 1997 19:43:20 EST  
From: w8xq@juno.com (JEFF D WILDER)  
To: boatanchors@theporch.com  
Subject: Wanted: Tuning Slugs ( .25 inch dia )  
Message-ID: <19971223.194621.5255.1.W8XQ@juno.com>

Hello People

Wonder if anyone has any spare RF tuning coils . I need the tuning slugs out of them.

Size: ( .25 inch dia. with a threaded shaft ) .. Please reply if you can help..

" Forever AM "

Jeff D Wilder ( W8XQ )  
Email : w8xq@juno.com  
Phone: (616) 381-4133

-----  
Date: Tue, 23 Dec 1997 20:21:44 -0500  
From: Charles Ring <charlesr@infonline.net>  
To: boatanchors@theporch.com  
Subject: Re: Who had RCA HB-3 tube manuals?  
Message-ID: <34A063A8.58C2@infonline.net>

jcreid@CCGATE.HAC.COM wrote:

>  
> Hi Gang,  
> Sorry for the bandwidth, but I'm trying to locate someone on the list I spoke  
> to earlier this year about some RCA tube manuals. These are bound in a small,  
> black 3-ring binder. They are not your typical tube books. I believe this  
> person was from our neighbors to the north, but I'm not certain. Anyway, please  
> contact me if you're the one. I have a deal for you.  
>

Are the contents of this book different from the RC-series tube manuals?

73 de W3NU

-----  
Date: Wed, 24 Dec 1997 12:30:08 +1100  
From: Morris Odell <morriso@vifp.monash.edu.au>  
To: boatanchors@sco.theporch.com  
Subject: Last word on WD-40  
Message-ID: <34A065A0.5818@vifp.monash.edu.au>

What with all the discussion here about wd40 and all

Maybe I should have saved it for April...

Take a look at this one:

<http://www.octane.com/wd40.html>

73 de Morris VK3DOC

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Date: Tue, 23 Dec 1997 20:30:50 EST  
From: w3ych@juno.com (Don Flenner)

To: boatanchors@theporch.com  
Subject: R1004 Receiver  
Message-ID: <19971223.202900.4471.0.w3ych@juno.com>

Greetings All,

I have a friend that does not have internet access that is looking for a R1004 receiver. This receiver is the mate to the T-784/RT3 transmitter. All part of the GRC-109.

Anyone have one of these receivers they would part with, please contact me.

Regards & Happy Holidays.

Don, W3YCH  
Kennesaw, Georgia

-----  
Date: Tue, 23 Dec 1997 20:46:21 -0500 (EST)  
From: Paul Bernhardt <bern@ppdu.nrl.navy.mil>  
To: boatanchors <boatanchors@theporch.com>  
Subject: Visit to Ray Mote's Home  
Message-ID: <Pine.A32.3.91.971223203616.37577A-100000@ppdu.nrl.navy.mil>

Gang,  
I made a visit to Ray Mote in Oxnard, California last Thursday. There I picked up R-392, AN/ARR-41, and AN/URR-71 receivers with manuals. Ray also had some mike holders (for T-17 etc.) for sale. You might want to stop by and see Ray. He has some other things for sale since he needs to lighten his load for a move to Florida.

Ray Mote can be contacted by e-mail at [rmote@rain.org](mailto:rmote@rain.org) .

Cheers, Paul Bernhardt

Work: P.A. Bernhardt	Home: Paul Bernhardt, KF4FOR
Code 6794	5704 Ridge View Dr.
Naval Research Laboratory	Alexandria, VA 22310
Washington, DC 20375	
Tel: 202-767-0196	703-960-9656
FAX: 202-767-0631	

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Date: Tue, 23 Dec 1997 17:45:24 -0800  
From: Scott Robinson <spr@earthlink.net>  
To: boatanchors@theporch.com  
Subject: RCA HB-3 Handbooks  
Message-ID: <v03007804b0c6195b327f@[153.34.139.139]>

Someone asked:

> Hi Gang,  
> Sorry for the bandwidth, but I'm trying to locate someone on the list I  
> spoke  
> to earlier this year about some RCA tube manuals. These are bound in a  
> small,  
> black 3-ring binder. They are not your typical tube books. I believe this  
> person was from our neighbors to the north, but I'm not certain. Anyway,  
> please  
> contact me if you're the one. I have a deal for you.  
>

Are the contents of this book different from the RC-series tube manuals?

and Scott sez:

Thye have more complete data, including curves for most types.

Merry Christmas,

Scott Robinson  
spr@earthlink.net

Junque is GOOD for you!

-----  
Date: Tue, 23 Dec 1997 21:08:01 -0500 (EST)  
From: Doug Hall <dhall@jps.com>  
To: boatanchors@theporch.com  
Cc: BOATANCHORS@LISTSERV.TEMPE.GOV  
Subject: Free stuff is gone  
Message-ID: <199712240208.VAA03450@earth.ipass.net>

Hi folks,

The response was overwhelming. I wish I had a few dozen R-100 receivers and Dow key relays to give away, 'cause there are a bunch of you out there who could put them to good use. But I only had one of each, and they've found good homes now. Thanks for all the responses, and Merry Christmas to all of you. Hope to see you on the air in 1998.

73,

Doug Hall, KF4KL

-----  
Date: Tue, 23 Dec 1997 18:36:13 -0800 (PST)  
From: Ken Gordon <keng@uidaho.edu>  
To: "George C. Rybicki" <gcr2@po.CWRU.Edu>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: 811, 812...?  
Message-ID: <Pine.BSF.3.95.971223183036.11063E-100000@piobaire.mines.uidaho.edu>

On Tue, 23 Dec 1997, George C. Rybicki wrote:

> What is the difference between an 811 and an 812. I found some 812's  
> and they seem to have the same ratings as an 811. The only difference I  
> can see is they look to have a thicker glass envelope. tn timer George

812s are NOT zero bias triodes as are the 811. Amplification factor in an 811 is 160, and only 29 in an 812. Thus the 812 needs higher bias and more drive (6.5 watts vs 6.0 watts). 812 will make a decent oscillator, 811 may not. Otherwise, their specifications are identical.

BTW, I got an 812A which one of our professors was trying to use in his X-ray equipment powersupply as a regulator. He thought it was just a mislabeled 811. When he tested it (it was NIB), he used 811 specs and therefore labeled it "Weak, do not use" and gave it to me. It is just fine. :-)

Ken

-----  
Date: Tue, 23 Dec 1997 19:51:29 -0800  
From: Eugene Rippen <soundval@foothill.net>  
To: boatanchors@theporch.com  
Subject: Where? Tube Museum near Eureka  
Message-ID: <34A086C1.3326@foothill.net>

Who is the person, where and phone number for the

Tube Museum in or near Eureka, CA?

Gene

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Date: Tue, 23 Dec 1997 22:01:47 -0500 (EST)  
From: "David L. Thompson" <thompson@mindspring.com>  
To: boatanchors@theporch.com  
Subject: Visit to new Atlanta Tech America  
Message-ID: <1.5.4.16.19971223230319.367f32fa@pop.mindspring.com>

Finally was able to get by to see the new Tech America store in Atlanta today. Was not very busy but they have a lot of stuff....You can build your own computer (with their help and parts), there is a lot of ham publications, test gear, and power supplies, but there is a lot of material of interest to BAers. Real Bud chassis (none of the 13 x 17 I used so many times), parts, knobs, and material for front panels.

They are owned by Tandy/Radio Shack. They are an outgrowth of Tandy National Parts and as the store manager told me they specialize in parts that others don't stock.

I came away with a front panel piece (for \$7 plus tax) for a big VAC supply I am making from a Kepro surplus supply and a free copy of the 1996/97 World Tube Directory from Audio Amateur (\$7.95 retail).

Just wish they had more business.....

Seasons Greetings Dave K4JRB

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Date: Tue, 23 Dec 1997 22:14:05 -0500 (EST)  
From: "David L. Thompson" <thompson@mindspring.com>  
To: boatanchors@theporch.com  
Subject: AM with the Collins S-Line/KWM-2  
Message-ID: <1.5.4.16.19971223231536.367f5e7e@pop.mindspring.com>

Came across an interesting article in the Sept 1961 QST about adding AM to the Collins S-Line or KWM-1 or 2. The nice thing is that its simple and requires no mod to the Collins. Mod provides carrier with either sideband at the balanced modulator (by bypassing the bal mod). I remember W5DYJ had a little switch out the top of his 32S1 which let him run AM to check into a couple nets. The article says at least 20 watts is possible and "DYJ" ran his homebrew amp at 300 watts for punch.



The article is on pages 26 and 27. (Sept 1961 QST). Wonder if this will work with my Eldico (the Eldico twins receiver has AM but the transmitter only says Tune, lock key, CW, USB, LSB.)

If someone wants to reproduce the article...all they need to do is drop a line to Mark Wilson at ARRL/QST. They will need to make sure the re-print points back to ARRL and QST. (hints to ER, Collins mags etc).

Seasons Greetings Dave K4JRB

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Date: Tue, 23 Dec 1997 19:35:14 -0800  
From: Ron Hershey <rhershey@europa.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Eimac Amateur Service Newsletters  
Message-ID: <34A082F1.279800B8@europa.com>

> Ron Hershey wrote:

>

> > Complete set of Eimac Amateur Service Newsletters written by William I  
> > Orr W6SAI. This is a collection of newsletters numbered from AS-1  
> > through AS-49-6.

I have good news regarding the Eimac newsletters. Joe Wilkowski, another listmember, has graciously offered to copy and mail the newsletters packages for \$10 instead of the \$30 which it would have cost me to provide the same service. The newsletters are on their way to him for scanning and duplicating. Thank you Joe! To save confusion, I will continue to collect the funds and addresses for the newsletters. To anyone who sent me \$30, you will receive a refund for the difference as soon as I get your letter.

One other piece of good news. Dan Arney is sending me a 50th newsletter which will be added to the package. Thanks to Dan for his help!

We will accept requests for the newsletter packages (accompanied by \$10 for copying and mailing) until January 15. The newsletter packages will start being mailed early in January.

Best regards,

Ron Hershey  
3918 E Burnside  
Portland OR 97214

phone: (503)235-9415  
email: rhershey@europa.com

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Date: Tue, 23 Dec 97 22:38:41 -0500  
From: provero@connix.com  
To: boatanchors@theporch.com  
Subject: R390/R391 -- CR801  
Message-ID: <199712240348.WAA22648@comet.connix.com>

Have a R-391 with suspicious CR801. This is the copper oxide full wave rectifier, on the underside of the power supply module that feeds DC to the antenna and break-in relays.

The antenna relay "chatters" in STBY or CAL, but switches solidly if I apply external 6 VDC and only draws 10 ma. (The relay's dc coil resistance of 37 ohms or so would seem to indicate a bit more than that as a first guess).

Measuring the dc output of this bridge is a bit difficult due to component locations. Anticipate replacing it with a diode bridge rectifier "block" with some additional resistance to limit output voltage, but leaving the original CR801 in place for show.

Any one else have experience with failures of this component?

P.J. "Josh" Rovero	home:	provero@connix.com
Meteorologist	radio:	KK1D
Oceanographer	work:	rovero@sonalysts.com
Curmudgeon-at-Large	web:	<a href="http://www.connix.com/~provero/">http://www.connix.com/~provero/</a>

-----  
Date: Tue, 23 Dec 1997 21:54:05 -0800  
From: Ralph Parker <rparker@istar.ca>  
To: boatanchors@theporch.com  
Subject: Old Magazines and Regen rcvrs  
Message-ID: <1.5.4.16.19971224055405.268fc8f4@istar.ca>

Tnx to Bob, W9RAN's posting about old magazines, I may be closer to a goal.

I've been wondering how to go about rebuilding my very first receiver - a 3 tube superregen (maybe 2 + rectifier, I don't remember) that I built in about 1953 from a Popular Mechanics article of the time. I was in high

school, and with the help of the guy in a local radio shop, collected the pieces and built it on a used chassis with a tin front panel. National "N" dial and all. It took me almost a year to get it working. I'll never forget the thrill of hearing sigs on 80 CW! Next was a 6AG7 xmitter from the handbook, a 65' wire out my bedroom window, and I was on the air! Wow! I made quite a few QSOs with that combination. Still have the logs. Months later I graduated to a BC-454, but the regen was a better rcvr.

Now I know that the article was probably written by Thomas Blanchard. If any of you fine folks can come up with any more info, or a schematic, I can get started all over again. I have another N dial and an old chassis, too.

73, Ralph, VE7XF (VE4SX in 1954)

-----  
Date: Wed, 24 Dec 1997 07:04:02 -0600  
From: n5dc@juno.com (Granville "Jim" B. Lane II)  
To: boatanchors@theporch.com  
Subject: Wanted Drake MN2000 basket case  
Message-ID: <19971224.070403.11798.0.n5dc@juno.com>

I'm looking for a basket case Drake MN2000, or the rotary wafer switch out of same. MERRY CHRISTMAS GANG!

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Date: Wed, 24 Dec 1997 11:39:31 -0500  
From: don merz <71333.144@compuserve.com>  
To: boatanchors@theporch.com  
Subject: Misc Odds Wanted  
Message-ID: <199712241143\_MC2-2D1C-315@compuserve.com>

I'd like to find a few things....

WANTED

Hallicrafters HT-9 transmitter coils and original manual  
Flescher TR-128 converter  
Kleinschmidt TT-482 and/or UGC-29 Teleprinter manual  
Military TDA-1 Telegraph Distortion Analyzer (RTTY distortion 'scope)

Any leads appreciated.  
Thanks.  
Merry Christmas!  
73, Don

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Date: Wed, 24 Dec 1997 18:03:47 +0100  
From: "JOSE V. GAVILA (EB5AGV/EC5AAU)" <eb5agv@ctv.es>  
To: "Boatanchors List" <boatanchors@sco.theporch.com>  
Subject: HELP!: BA pickup in ENGLAND  
Message-ID: <3.0.1.32.19971224180347.006cd728@pop.ctv.es>

Hello gang,

Sorry for broadcasting to the list this request, but I don't know where to find help...

I have found a working Racal RA-17 FREE for pick up in England, but only before 1st January 1998... I'm from Spain, so I can't pick it up by myself :-( . Is Santa Claus (or any list member :-) ) able to help me?. Once picked it up, we would arrange a way to ship it to Spain, without any hurry. Of course, any generated expenses would be more than gladly reimbursed.

The receiver is currently located in Chippenham, Wiltshire, England.

Please, if somebody can help me or have any clue of where I can find some help, let me know by direct e-mail.

This help would be a very nice Christmas present for me :-).

Thanks a lot to all of you and MERRY CHRISTMAS!. Hope Santa brings you lots of lovely BA items :-)

JOSE

-----  
73 EB5AGV / EC5AAU  
JOSE V. GAVILA  
Ausias March 46, 15  
46910 Benetusser - VALENCIA  
SPAIN

<http://www.geocities.com/SiliconValley/6992/>  
e-mail: eb5agv@ctv.es & eb5agv@amsat.org

-----  
Date: Wed, 24 Dec 1997 15:14:31 -0500 (EST)  
From: Doug Hall <dhall@jps.com>  
To: boatanchors@theporch.com  
Subject: Need mod xfmr info  
Message-ID: <199712242014.PAA27390@earth.ipass.net>

Hi folks,

Does anyone know of a source for UTC modulation transformer specs? I have a CVM-1 (I think) and I'm trying to find out what impedances it will match for possible use in a homebrew modulator.

Thanks & 73,

Doug, KF4KL

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Date: Wed, 24 Dec 1997 12:51:06 -0800  
From: "Don L. Davis" <dxguy@earthlink.net>  
To: boatanchors@theporch.com  
Subject: RCA HB-3 Manuals  
Message-ID: <34A175B4.7D95@earthlink.net>

Folks are being a bit modest about the RCA HB-3 tube manual set. This is a wonderful reference set. It is essentially each and every data sheet of every current RCA tube as of the late '60s, plus many earlier tubes. It is 5 LARGE volumes, of data sheets which are 8 1/2 X 11 standard sheets shrunk down to 4 X 6 1/2. Printed on good thin paper, there must be 1000 pages in each volume. Shows curves, accurtae dimensions, application notes etc. Covers RX, TX, industrial, CRTs, phototubes, etc. If you can find a copy - get it! I bot mine as a teenager in the mid '60s, and still use it regularly here. In fact, it's one of the only worthwhile things that came out of my adolescence! Hi!

73s don davis DXGUY@earthlink.net

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Date: Tue, 23 Dec 1997 17:43:48 PST  
From: "Wilkowski, Joseph" <Joseph\_Wilkowski@wb.xerox.com>  
To: boatanchors@theporch.com  
Cc: k8fc@contesting.com  
Subject: DX-100  
Message-ID: <F356A134813F657CF356A134813F657C#064#x-wb-0129-ms1.xerox@SMF>

Anchorites (sp?)

By what I consider a very fortunate set of circumstances I have acquired a DX-100 that apparently was part of a company sponsored ham station and forgotten for a number of years. There is a building in downtown Boston that is undergoing asbestos removal and this

transmitter was found in a long forgotten room near the roof.  
Apparently there must have been a receiver but it was long gone.  
Anyway, this transmitter is extremely dingy but other than that there  
are no additional front or rear holes that do not look like they do  
not belong there it was still connected to a transmission line leading  
to an old tower on the roof with no antennas mounted.

Anyway, I need a manual for it and also am curious as to what Heath did  
to make a DX - 100 a DX 100B what are the major differences and did  
most folks upgrade their rigs to the B configuration.

So what can you tell me about the 100 and 100 B Other than the fact  
that it weighs enough to be a real boatanchor.

Thanks and the best to you and yours these fine holidays.

Please respond to :

k8fc@contesting.com

Joe k8fc

-----  
Date: Wed, 24 Dec 1997 13:33:22 -0800  
From: "Arden Allen" <aallen@sirius.com>  
To: "Old Tube Radios" <boatanchors@theporch.com>, <dxguy@earthlink.net>  
Subject: Re: RCA HB-3 Manuals  
Message-ID: <199712242132.NAA11361@mail3.sirius.com>

Don et all;

Ditto on the HB-3 handbook set. I got my set from a trash can at work in  
the late 70's--just walking down Dilbert's Way I spied them through the  
doorway. The engineer was just looking for more room on his shelf. It  
burns me to know how casually we trash our history.  
"Oh heck, who needs this crap any more?" Well WE DO!!!!

> In fact, it's one of the only worthwhile things that came out of my  
adolescence!

Remind the pros you know to think of who comes after them before they chuck  
stuff.  
BA's live on!

Give your loved ones Gummy Bears.  
Arden Allen KB6NAX Vallejo, CA aallen@sirius.com

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Date: Wed, 24 Dec 1997 17:52:07 -0500  
From: polepeeg@aa4rm.radio.org (BA x-actions hr)  
To: boatanchors@theporch.com, reking1@ix.netcom.com  
Subject: Re: Unusual tube using equipment  
Message-ID: <199712242252.RAA18892@aa4rm>

I've the schemat for a Delco 'Autronic Eye' ca Olds '54. Couple of tubes, synchronous vibrator, et. al.

Wish I had an operable Holiday 98 Convert to go with iT (with Aurora power plant - the he!! with dual-range hydro)

'rm

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Date: Wed, 24 Dec 1997 19:22:24 -0400  
From: laffitte@prtc.net (laffitte)  
To: boatanchors@theporch.com  
Subject: FELIZ NAVIDAD  
Message-ID: <34A1992B.57E0996@prtc.net>

Hi Gang:

First Feliz Navidad (Merry Xmas) to all and the best of the best for the New Year!!

Just for fun I was looking at a mint Sears Catalog from 1964 and found the following:

Hallicrafters 4 Band Receiver Model SX110----\$169.95  
R 48 Speaker-----\$19.95  
Model S108 receiver (SX110 with no s meter or Xtal  
filter)---\$139.95  
Hallicrafters 4 Band Receiver Model S120-----\$69.95

Now, how much would this be in todays dollars?

Best of 73s  
Guido E. Santacana KP4FAR  
BA collector in the tropics

Date: Wed, 24 Dec 1997 19:31:54 -0500 (EST)  
From: Sandra L Knepper <slkst29+@pitt.edu>  
To: boatanchors@theporch.com  
Subject: Christmas Message  
Message-ID: <Pine.GS0.3.96L.971224191610.6067C-100000@unixs2.cis.pitt.edu>

Thank you for another wonderful and rewarding year. What I learned here from the boatanchor group, would have taken years of experimenting and tinkering on the workbench. For all the time and patience that you have shown in responding to the many queries and in offering advice that appear daily here, thank you. A special thanks to Jack and to the good Doctor for their efforts in making it all possible for so many to network.

To those who enjoy "old time radio" whether it be Collins or National or Hallicrafter, let us continue to preserve and restore as much of this fine equipment as one can but keep in mind that it belongs back on the air rather than to be trophies in someone's shack. I guess I am as guilty as the next guy on that score!

To those who have added to my knowledge of Collins radio, a special debt of gratitude and appreciation.

Good health and joy in the coming year. May God, the Father Almighty, bestow upon you and your family His protection and His Love everlasting.

Let us remember the less fortunate and our servicemen and servicewomen abroad who are separated from their families this Christmas season.

Merry Christmas from our home to yours.

Dave, W3BJZ  
Publisher of the Collins Journal

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Date: Thu, 25 Dec 97 00:53:37 UT  
From: "Allan Fritsche" <fritsche@classic.msn.com>  
To: boatanchors@theporch.com  
Subject: My House needs Pilings.  
Message-ID: <UPMAIL03.199712250053480550@classic.msn.com>

Hello Gang, didn't have to worry about shipping the SX-101 and HT-32, Gary, from the Houston gang, decided to get a new hernia and came over last night and picked them up. Thanks again Gary, Well here it is X-Mas eve and I don't have much to do, wife cooking all the goodies downstairs and the Dogs are chewing on something?.. I just looked in back of me and



saw the little NC-60, the Lowly S-85 and the perky S-38C starring at me..  
Well guess what, Iam going to take them all down for an hour or two  
and feed them Christmas Juice and me too.  
Now after the 1st, with the removal of the Halli twins I will have to have  
one side of the house shored up with pilings, to get it back level.  
Many thanks to all on this fine group, for their giving freely, also taking  
freely, putting up with me and I feel honored to be a part of it.

MERRY CHRISTMAS TO ALL AND YOURS

Your Friend AL

fritsche@classic.msn.com

KD5CML

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Date: Wed, 24 Dec 1997 18:59:02 -0600  
From: Bill Wilson <billo@internettpport.net>  
To: "boatanchors@theporch.com" <boatanchors@theporch.com>  
Subject: Merry Christmas to list  
Message-ID: <34A1AFD5.296F6070@internettpport.net>

Merry Christmas to list!

Santa came a bit early yesterday...a friends truck pulled up to the  
door and what was pulled off? Two tube caddies full of tubes, Old SAMS  
photofacts, folders 1 to 99, Hammarlund Superpro (JX-14), box of bolts,  
output transformers and a B&K scope.

Thanks to the list this year for all of my questions, parts  
requests and other stuff.

Merry Christmas,

Bill

W4BIZ

Jacksonville, Al.

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Date: Wed, 24 Dec 1997 17:26:00 -0800  
From: "Parker, Al" <al\_parker@research.kaiseral.com>  
To: BOATANCHORS@LISTSERV.TEMPE.GOV, boatanchors@theporch.com,  
hallicrafters@qth.net  
Subject: SX101 comes back to life (long)  
Message-ID: <Megw.7374742@post.fabrik.com>

Two months ago, the month before Dick Dillman succumbed to the

same nice fate, I found a rough SX101MkIII at the Livermore Swap Meet.

Some of you answered my subsequent requests for assistance. I needed a manual - but first, had to determine just what model it was. When I saw it, I knew it was a 101, and that I had always thought they were a "neat" looking piece of gear, matched by good performance. I didn't need to know what model it was, I just knew I wanted it. With list member help, I did determine it's pedigree, and learned about the others in the series. Larry Rau came thru with a manual copy.

I did a minimal blowing out of the cobwebs, etc., fortunately no evidence of mice, but some black, indelible. spotty blotches on the horizontal surfaces inside. I had to hear it - and spent some, probably not enough, time warming with a lightbulb, and bringing up the voltage with the variac. WOW, it lives. Not super, with only a short wire antenna, but seemed to have all functions. Needs the alignment routine (I like that fun), but that would wait for the manual.

Meantime, it was cleanup time. I'm not working too fast or long at a time these days (probably the best way to work on BAs), and have a lifting restriction (probably the worst way to work on BAs), so it took 2 more weeks. That's also an enjoyable pursuit. Finally on a Sun. PM, my long suffering XYL allowed, and helped carry it, into the family room onto a TV tray while we watched the ballgames & I worked. It had been warming at least since Sat. AM over the heater, and was nice & warm. By supper, it was ready--I think I even used the variac again. Yes, it still lived, pretty knobs, shiny switches, the big slide rule dial all clean and all the individual dial lights working (after switching the ones I got in wrong). Signals - it's always a thrill when something that old and pretty wakes up. Keep the power on all evening to try to bring it into thermal and mechanical stability.

The next morning, still in the family room, I turned it on, then stepped out for a few minutes. Yep, fuse was blown when I got back. To shorten an already long story, the power transformer HV had shorted turns. Guess I'll need an organ donor--back to the list, and again, Larry Rau came to the rescue. He knew of a junker, which I was able to drive to. Picked it up (with help), plus several more Hallicrafters projects.

Again, 2 weeks passed (had to leave town 5 days). I checked filter caps to be sure they didn't contribute to the problem, they're OK. Finally last nite the transplant was complete, and it came to life again. Been working all day today, hope it continues. HV current draw is about 110 ma. I'll keep it powered up during the days, and get to the alignment procedure tomorrow PM or Fri. Then, on to the cabinet - it's not dinged, but needs a paint job to dress up/set off her knobs. But of course, while the cabinet work goes on, I'll be enjoying the bands with her.

A nice bonus to this -- my junker has helped several people get their SX 101's working or looking better. It's great to get help

from the lists, but it's as nice to provide help to get these old girls back in shape, yes, any of the old gear, even if it's not as pretty.

I hope every one enjoys their holidays, whatever kind you celebrate. May the BA tooth fairy smile upon us all.

73, Al, W8UT      al\_parker@kacc.com  
Dublin, CA

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Date: Wed, 24 Dec 1997 20:36:28 -0500  
From: Al Klase <skywaves@bw.webex.net>  
To: dhall@jps.com  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Need mod xfmr info  
Message-ID: <34A1B89C.26E7CBF5@bw.webex.net>

Doug and the Group,

My 1953 Radio's Master has only sketchy info. Here it is:

Maximum audio out: 30 watts  
Maximum class C input: 60 watts i.e. It will plate modulate a 60 watt TX  
Typical Modulator tubes: 6V6, 2A3, 6L6, 210

They claim to be able to match anything to anything!

Hope this helps.

Merry Christmas to All,  
Al

Doug Hall wrote:

>  
> Hi folks,  
> Does anyone know of a source for UTC modulation transformer specs? I have  
> a CVM-1 (I think) and I'm trying to find out what impedances it will match  
> for possible use in a homebrew modulator.  
> Thanks & 73,  
> Doug, KF4KL

--  
Al Klase - N3FRQ

skywaves@bw.webex.net  
Flemington, NJ 08822  
Web Page: <http://www.webex.net/~skywaves/home.htm>

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Date: Wed, 24 Dec 1997 17:55:31 -0800  
From: "Arden Allen" <aallen@sirius.com>  
To: "Old Tube Radios" <boatanchors@theporch.com>  
Subject: My Xmas present  
Message-ID: <199712250155.RAA18730@mail3.sirius.com>

List Members;

Today I received in the mail my first ba list Christmas present from Rick Ferranti who graciously copied the 1951 catalog pages for my General Radio 805C signal generator who I call "Igor". What makes it an especially nice present was the price listed--\$1450. Now that I guess in today's play-dough is about 10 kiloBux. That's a mighty pricy beast on my bench. And to think I got it for 1%. That's the stuff of ba bagging!

It's not really the fact that it's such a deal as it is the only way many of us can enjoy radio and electronic technology the way we like it---fun, not work.

In that spirit I wish the best of holiday wishes for all and may the new year bring you tons of fun. 73's Arden

Give your loved ones Gummy Bears.  
Arden Allen KB6NAX Vallejo, CA aallen@sirius.com

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Date: Wed, 24 Dec 1997 21:07:27 -0500 (EST)  
From: "Roberta J. Barmore" <rbarmore@indy.net>  
To: BA <boatanchors@sco.ThePorch.com>, glowbugs <glowbugs@www.atl.org>  
Subject: Season's Greetings! (some BA content anent cool tubes)  
Message-ID: <Pine.SUN.3.96.971224205551.22954A-100000@indy3>

Hi!

Well, here it is Christmas Eve, and as I am (as ever, these days) too sleepy to head to the shack and play with high voltage, I'll use the lists to wish a happy holiday season to everyone. For all the fine old gear and parts found, history shared, questions answered and questions raised, a warm and friendly toast to each and every one of the friends gathered here!

"...Questions raised," yes indeed; the thread on tubes (usually detectors) operated at less than normal heater voltage has been most interesting. I was asked about it private e-mail about the time the thread began, and hazarded it was linearization trick (the tube in that question being a diode); but the Drake 2-B does much the same thing with a multigrid tube (or so memory doth insist). So maybe it is for noise. Did anyone find a definitive reference?

Merry Christmas and/or Happy Holidays, and the very best of New Years to all! (And will the Canadians and Brits \*please\* wear protective headgear on Boxing Day, and suitable gloves, too! ...It's cold out there, and an Olympic rule besides).

73,  
--Bobbi

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End of BOATANCHORS Digest 1848  
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